DEPARTMENT OF THE AIR FORCE
HEADQUARTERS ELECTRONIC SYSTEMS CENTER (AFMC)
HANSCOM AIR FORCE BASE MASSACHUSETTS

U.S. AIR FORCE

OFFICE OF THE DESIGNATED ACQUISITION COMMANDER, C4ISR ENTERPRISE INTEGRATION

MEMORANDUM FOR: SEE DISTRIBUTION   13 January 2003

FROM: DAC, C4ISR Enterprise Integration
   ESC/CC
   9 Eglin Street
   Hanscom AFB MA 01731-2109

SUBJECT: C4ISR Enterprise Directive 008 Technical Architecture for C4ISR Enterprise
    Integration

REFERENCES: (a) DAC Enterprise Directive 001, Managing C2 Enterprise Integration,
       1 June 2001

      (b) DAC Enterprise Directive 002, Web-Enabling Systems in the C2
       Enterprise, 16 July 2001

      (c) DAC Enterprise Directive 003, C2 Node Responsibilities, 16 April 2002

      (d) C2 Enterprise Reference Architecture, Version 3, 1 December 2002

  To ensure a consistent C4ISR Enterprise perspective in accomplishing the responsibilities as identified in the above references, it is my policy that Program Managers (PM), C4ISR Node Managers (NM), the Common Integrated Infrastructure (CII) Manager, and other stakeholders must use the C2 Enterprise Reference Architecture (C2ERA) as the basis for the C4ISR Enterprise Technical View for the development, fielding and sustainment of their systems.

  ESC established the C2ERA to provide a technical model for the development of C4ISR systems to achieve C4ISR Enterprise Integration. The key attribute of this design pattern is the partitioning of C4ISR systems into three mutually supporting elements:

  a. Specific mission application functionality, which remains the responsibility of the designated PMs;
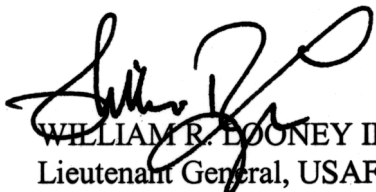
  b. C4ISR Node infrastructure (Node Platform), which is the responsibility of the NM in accordance with reference (c) and any updates;

  c. The C4ISR Enterprise Common Integrated Infrastructure, which is the responsibility of the CII Manager in accordance with reference (c) and any updates.

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I have directed the CII Manager to develop System and Technical Architecture Views of the CII and its Enterprise Services.

ESC/CX will coordinate documentation of C4ISR Node Platform Architectures and Enterprise Services into the C4ISR Enterprise Guidance document. ESC/CX will periodically publish revisions to the C2ERA to reflect updates as required. They will also be responsible for resolving C4ISR Enterprise Integration conflicts that cannot be resolved at the SPD/PM/NM/CII level.

My POC for this and other C4ISR Enterprise Directives is Col Norm Sweet, ESC/CXP. Please contact him if you have questions or concerns regarding any of these directives.

WILLIAM R. DOONEY III
Lieutenant General, USAF
Commander

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